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Paleontologists reconstruct our prehistoric landscape.

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Publishing perils

Scholarly journals have evolved into expensive, if valuable, resources. A digital revolution aims to open access to research while cutting costs.

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Charmed life?

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UNIVERSITY OF ALBERTA

folio

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Religion and politics: the stuff of great stories

Studio Theatre kicks off season in Belfast

By Richard Cairney

Mark Henderson knows a good story when he sees one, and he knows a good writer when he reads one. And he discovered both while reading Stewart Parker's *Pentecost* for a class on Irish theatre with University of Alberta drama professor Jim DeFelice.

"Parker is able to integrate all the sight gags and the poetry," said Henderson, who's directing *Pentecost* at the Timms Centre for the Arts as part of his MFA in directing. "In a sense, Parker is a lot like Shakespeare because you could think about this play for 15 years, trying to get it all right, or you could also reduce it down to a cartoon with stick men that an eight-year-old could understand and think 'oh - what's going to happen next?'"

In fact, while reading the play, Henderson did just that, dissecting the many layers in the story, set in 1974 Belfast, as political and religious battles raged in the streets.

"I was just trying to figure out who was Orange and who was Green," Henderson said of Protestant and Catholic divisions. "On an emotional level the story is extremely powerful. It's full of metaphor and full of irony. There are all these threads that intertwine."

Pentecost tells the story of Lenny, a lapsed Catholic jazz musician and his estranged wife, Marion. While Lenny is satisfied with a somewhat chaotic life, Marion has always sought out order and stability. When Lenny inherits a house from his great aunt, he invites Marion over to pick through the furnishings and fixtures for her antiques shop.

"This is a chance for Lenny to make amends to Marion," said Andy Northrup, a local musician and drama student who plays the role of Lenny. "He wants her to glean something of value not only from the house but also from the relationship. He sees this as his last chance to give her something from their relationship. He hopes there is still some shard of warmth for him in Marion's heart."

Marion may not even know the answer to that question. "Unbeknownst to Lenny, Marion isn't so stable any-

"On an emotional level the story is extremely powerful. It's full of metaphor and full of irony."

—Mark Henderson



Marian (Jennifer Spencer) tends to an injured Peter (Aaron Talbot) while Ruth (Adrienne Smook) and Lenny (Andy Northrup) look on in a scene from *Pentecost*.

more," said actor Jennifer Spencer, who has been brought in from the Citadel Theatre to play the role.

"Marion sees this as a chance to try and get her life together," she said. The couple's personal story, along with its tragic secrets, is played out against the backdrop of their own social circles as well as sectarian violence. The house itself lies in a neighbourhood being fought for by Catholics and Protestants.

"They are under constant threat of being evicted by the police or of being burned out of the house," said Henderson. "The act of being in the house at all, regardless of which religion you are, is a bit of an act of folly."

Pentecost runs at the Timms Centre for the Arts until Sept. 28.

Other Studio Theatre productions this season are:

Sisters (Oct. 31 – Nov. 9)

Professor Kim McCaw directs *Sisters*, the story of a nun whose residential school students were scarred by her conduct. Mary receives a letter from a former

student and realizes the grief she's caused, beginning a personal examination of good intentions and bad judgement. Playwright Wendy Lil, MP for Dartmouth, N.S., is the first practising artist to be elected to the House of Commons. She has been nominated for the Governor General's Award for Drama four times for her plays, *The Occupation of Heather Rose*, *All Fall Down*, *The Glace Bay Miner's Museum* and *Corker*.

The Ends of the Earth (Nov. 28 – Dec. 7)

Canadian playwright Morris Panych pushed our buttons with the disturbing *Laurence and Holloman*, in which two men meet and a diabolical revenge scenario is executed flawlessly. In *The Ends of the Earth*, Frank and Walker are two paranoid men who try to flee each other but wind up tracking one another instead.

Lysistrata (Feb. 6 – 15)

Adapted from Aristophanes' classic Greek play, this racy comedy presents a battle of the sexes. The men of Athens have reached a stalemate in a protracted

and futile war. The women will tolerate it no longer. After they meet secretly, the women give the men an ultimatum: no peace, no sex!

The Plough and the Stars (Mar. 27 – Apr. 5 2003)

Set at the time of the 1916 Easter Rebellion in Ireland, Sean O'Casey's play chronicles the struggle of the lower-class Irish for an independent nation. Conflict arises when personal needs clash with the needs of the many. Written a decade after the Easter Rebellion, the play's criticism of nationalistic idealism caused a riot.

My Mother Never Said I Should (May 15 – 24 2003)

MFA (directing) candidate Marianne Coppithorne is one of Edmonton's best-loved actors. She directs Charlotte Keatley's play about mothers and daughters. The drama examines the lives of four generations of women throughout twentieth century England. A dark secret threatens a family of mothers and daughters, and the generational roles the women play change dramatically as time passes. ■

Once upon a time near Joffre

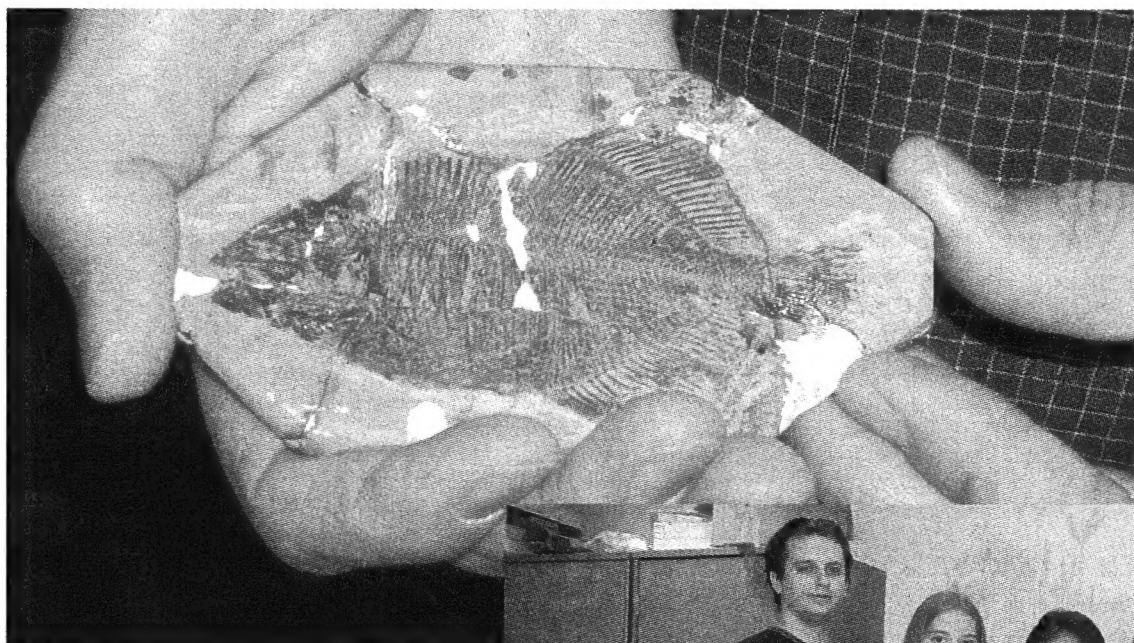
Online collection shows detailed ecological reconstruction of prehistoric Joffre

By Richard Cairney

When road crews began carving up the earth to build a new bridge across the Red Deer River in 1977, amateur geologist Betty Speirs followed the bulldozers around, scooping up a fossilized record of the area's ecology, which dated back as far as 57 million years ago.

That construction site is now known around the world as the Joffre Bridge Roadcut Locality. And the tens of thousands of fossils it yielded have earned an international reputation as one of the finest records of prehistoric ecology ever discovered.

The latest development for the collection is decidedly modern: its key components are now available for viewing online (at <http://www.museums.ualberta.ca/exhibits/joffrebridge/>), forming the



A fossil of the now-extinct *joffre-ichthys symmetropterus* (left) was unearthed at the Joffre Bridge site. An extensive collection of findings from the internationally-renowned site are part of a Museums and Collections electronic exhibit produced by students Shaun Gierent, Selena Smith, Genaro Hernandez-Castillo, Stefan Little, Lorna Ash and Edmund Chua (absent).



University of Alberta Museums and Collections' newest virtual exhibit.

The electronic exhibit offers visitors a lesson in paleobotany told through computer animation, still photographs, text and videos, all of which focus on the paleobotany of the site.

That suits the half-dozen students who developed the site just fine.

"Everybody knows about dinosaurs but not plants. This is on the Internet now, so anyone can look at it," said Genaro Hernandez-Castillo, project leader for the site.

"Up until the time we had Jurassic Park, nobody even knew about paleobotany," added Dr. Ruth Stockey, a paleobotanist who has been involved in researching the Joffre Bridge site since 1978. "We will be using this (Web site) in class, and it's available worldwide."

Fossils from the site have given researchers unprecedented information about prehistoric plant life in the area. For example, the entire life cycle of one species of tree, *joffrea speirsii* (named after the central Alberta town the site is near to and Betty Speirs), has been revealed through the thousands of fossils uncovered in the area.

"One of the problems we always have in paleobotany is that we often just find parts of plants. In this instance we were able to reconstruct an entire plant. We even have fossils of seedlings germinating," said Stockey. "There is really no place in the world that has preservation like this."

Stockey says Speirs, who died a month ago, had an unquenchable curiosity about the past.

"She started bringing this stuff in to me in 1978, when I first arrived here," said Stockey. "She'd bring fossils to me and (Professor) Dick Fox and (Professor) Mark Wilson. Betty would go out digging every day. Most of her collections are here at the U of A."

Those findings helped researchers here reconstruct a very accurate picture of what the Joffre area looked like nearly 60 million years ago.

One species of tree found at the site is related to the Katsura tree, which today is found growing along the banks of streams in Japan. And indeed, the Joffre Bridge site had a stream running through it. In fact, at one time the stream split into two branches, forming an island in the middle of the flow. Over time, the stream's original flow route around the island was blocked off, creating an isolated body of water known today as Speirs Lake.

Fish thrived in the river, taking advantage of regular spring overflows that allowed them to spawn in the lake. But at one point, a massive fish kill occurred when overflows stopped feeding the lake and, over time, it simply dried up. The story is told in a relatively thick layer of fish fossils uncovered by Speirs.

It looks like the lake dried up, basically," said Dr. Mark Wilson, a U of A paleoichthyologist. "It wasn't a very deep body of water and the fish gathered into the last little pools and ran out of oxygen and died."

The specimens are well preserved because of what happened next – the river probably burst a dyke, burying the fish in sand.

Three types of fish inhabited the lake, he said. One, *joffre-ichthys symmetropterus*, has a related species, found today in North Africa, says Wilson. Another species, a trout-perch, is the ancestor of trout-perch found in some Alberta lakes today. And one species of fish, *speirs aenigma*, was also named after its founder, Betty Speirs.

"We called it that because Betty found the first specimen and we didn't know what it was, so we had this colloquialism," said Wilson. "Its closest relative today is a fish that lives in Japan."

Other animals thrived in the area, according to Dr. Richard Fox. The Joffre site, and areas near it, have given up fossil records of crocodiles, turtles, lizards, salamanders, small primates, rodent-like creatures and a couple of large mammals known as pantodonts.

While no rodents have been found in the area a group of mammals called multituberculates, which are rodent-like in size and habits, did occupy the forest floor. Fox says there is "nothing even closely related" to the animals in existence today, though some people have speculated they are related to egg-laying mammals such as the spiny anteater or the duck-billed platypus. Fox himself has written a paper arguing the case.

At the time, North America was still geographically connected to Europe, and Fox says the mammalian fauna in parts of Europe is similar to the Joffre site.

"The picture one gets from the vertebrate record is one of a warm, subtropical, probably heavily vegetated, humid area that's comparable to the Florida

Everglades and the Gulf Coast," he said.

Still, it's difficult to get an accurate picture of mammalian life in the area. Just as paleobotanists such as Stockey are frequently able to only find parts of plants, paleomammalogist like Fox are often frustrated by incomplete remains. In the case of the multituberculates found in the Joffre area, he says, a deposit of this kind in a localized area indicates the bones of these small animals were swept away by a small, low-energy stream.

"Most of the mammalian record in the area is small in terms of the number of specimens and in terms of diversity... they're found mostly in a layer of black shale a couple of inches thick."

Jim Whittome, manager of the Web project and information management advisor with the U of A department of Museums and Collections Services, said the Web site serves several types of visitors. High school students and first and second-year university students will be able to understand the site easily, he said. And a page on the site that provides lists of academic papers published about the Joffre Bridge area offers important information for those with deeper inquiries about the area.

For example, a thesis paper detailing the paleobotany and paleoecology of the area, by a student of Stockey's, Georgina Hoffman, is available on the site.

"We wanted to take information and present it in a broad way, but we also wanted to include information for researchers, and this site accomplishes that," Whittome said, adding that the university hopes to build onto the Joffre Bridge exhibit and add more detailed information about fish and mammal fossils discovered in the area.

The Joffre Bridge Virtual museum was supported with more than \$20,000 in federal government funding from Industry Canada. The new Web site is also part of the Canada Digital Collection initiative. ■

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The revolution is electronic

Free e-journals are rising up against their prestigious print counterparts

By Jacqueline Janelle

Publish or perish: the mantra that looms heavily over researchers as grant season moves into full swing. The protracted frenzy over getting a manuscript into print is one that many faculty members would be happy to avoid.

Months of work can disappear into the black hole of peer reviews and revisions. Then the final draft of the manuscript emerges, only to experience further delays as the journal is printed, bound and mailed out to subscribers.

The World Wide Web is beginning to change all that: e-journals are rapidly becoming the reference method of choice for researchers. Many print journals now have an online equivalent, and there are an increasing number of newer online only-publications that have decided to forgo paper altogether, in favour of a more flexible and cost-effective electronic format.

Will the electronic medium replace our trusty paper equivalent? Perhaps, says Karen Adams, director of Library Services and Information Resources at University of Alberta Libraries. She sees electronic journals as the way of the future.

The greatest blessing of the electronic format is speed. A manuscript is submitted, reviewed and revised electronically: when it's deemed ready for publication, it's placed on the journal's server and can then be accessed via the Web. The delays of printers and Canada Post are eliminated.

As is the price of stamps and paper. And although developing an electronic journal has its own set of costs for the development, design, and maintenance of infrastructure, this expense pales in comparison to both the financial and environmental costs of printing reams of paper and shipping it across the globe.

Money isn't everything, after all. Consider the flexibility electronic publications offer. Most online serials deliver "enhanced content," said Denise Koufogiannakis, Collections Manager at the John W. Scott Health Sciences Library. "They have additional links to other information and there are often special features on Web sites that notify people when something of particular interest comes out."

Unlike a sheet of paper, cyberspace is unlimited. The Web permits novel formats for publications. Imagine, for example, a multi-layered document where the first level functions as an extended abstract for the superficial reader. Someone with more interest could expand this to a second level with enhanced figures and documentation; and finally, perhaps the original results of experiments could be made available to other researchers interested in the finer details. Even audio and video could potentially be included.

"Authors who choose to publish their research in BioMed Central journals are supporting an open-access model whose aim is to change the economics of scientific publishing."

—Karen Adams

This flexible format enhances the experience for the reader, even ones who dislike reading from a back-lit screen. Online access means the copy you need will no longer be trapped in some grad student's carrel, nor will it be returned to the stacks sticky with cookie crumbs. Instead, a clean copy can be printed off at any time.

Yet ease of communication doesn't rest solely on the shoulders of our Internet servers. Free and unlimited access to information has long been an integral part of the university philosophy. Journals fall into two categories: for-profit publications owned by publishing houses and not-for-profit owned by learned societies.

Karen Adams explains that, in the past, most scholarly books and periodicals were published by universities and learned societies. They were relatively small groups of researchers who published as a means of sharing ideas and knowledge, "gifting" their research to others. When the university population exploded during the 1960s, the small academic presses, which were often run by volunteers on shoe-string budgets, could no longer keep up with the volume of research papers being generated. The commercial presses stepped in to pick up the slack and they haven't looked back.

The commercialization of scientific communication has turned the traditional "gift exchange" upside down. Now, researchers – whose work is paid for largely by taxpayers – often give their research to commercial journals, which in turn charge universities hefty subscription fees to buy it back.

The last few decades have seen an ever-increasing number of highly specialized journals competing for subscription dollars from institutions. But the library's dollar isn't stretching as far as it used to: according to the Association of Research

Libraries, serials spending was 152 per cent higher in 1998 than it was a dozen years earlier, yet in this same time there was a seven-per-cent drop in the number of titles purchased. Journals in the sciences succumbed to the highest average increases in cost.

Many for-profit journals, which already received substantial sums from advertisers, now demand inordinate rates from institutions. For example, an annual subscription to the journal *Brain Research* costs nearly \$30,000. "In health sciences, 85 per cent of our budget is spent on serials," said Denise Koufogiannakis. With costs for many journals increasing between 10 and 13 per cent each year, the library is forced to make tough choices about which periodicals it can afford to offer faculty and students.

The university library has decided to fight fire with fire. It is a member of the Scholarly Publishing and Academic Research Coalition. "SPARC is an initiative by institutions and scholars worldwide to repair the scholarly communication model," said Adams. The organization partners with publishers who deliver top-quality, low-cost research information. As part of this initiative the U of A has become an Institutional Member of BioMed Central (<http://www.biomedcentral.com>). Annual membership is \$3,000 (U.S.), a trivial amount when compared to the subscription costs of many journals. BioMed Central publishes more than 60 online journals in biology and medicine. "We saw this as yet another way to support a change in publishing and to support our researchers," said Koufogiannakis. The peer-reviewed content is made freely

available to the public and scientific community without limitations of subscription.

Instead, BioMed Central asks the authors or their respective institutions to pay a \$500 fee for dissemination of the material to be published. This levy is waived in the case of institutional members, giving them the potential to publish an unlimited number of research articles in BioMed Central journals.

Of course, for researchers, where one is published is always critical. A journal's reputation and audience are critical elements when deciding where to submit a manuscript. Newer online journals lack the prestige of established publications. Status comes with time and contributions, said Karen Adams. "Authors who choose to publish their research in BioMed Central journals are supporting an open-access model whose aim is to change the economics of scientific publishing."

BioMed Central currently averages over 200 downloads per article per month. Moreover, BioMed Central publications are immediately indexed in PubMed, archived in PubMed Central, and also deposited in CrossRef, to enable direct linking when they are cited in other journals. PubMed is a service of the National Library of Medicine in the U.S.: it provides access to more than 12 million articles and citations dating back to the mid-1960s.

All of which may mean that the balance of publishing to perishing may get a long overdue calibration. ■



The student as an active citizen

And the university's role in promoting citizenship

(Excerpted from a Sept. 13 lecture by Ralph Nader at the Students' Union-sponsored Green and Gold Eco-Conference. The lecture will be broadcast in two parts by campus-community radio station CJSR FM88: at 11 a.m., Sept. 28 and Oct. 5.)

Ecology starts at home and this university is your home. And in terms of energy conservation and water efficiency use and the use of chemicals in a much more effective way in the laboratory, and many other recycling efforts, you learn by doing and not just by reading and in that sense I think the students here have established a real marker.

And with the establishment of the APIRG (Alberta Public Interest Research Group) to join other provinces from BC to Dalhousie in Nova Scotia, and Ontario and Quebec, the student (is building) an institution that lasts in terms of elaborating the all-important civic values so that they are no longer routinely subjected and subjugated by commercial and corporate values. Corporations were designed to be our servants, not our masters. Commercial values were designed to be instrumental, not generic of our civilization. And we have to remind those economic forces of that important point with every succeeding generation.

And it is now your turn to put your arm to the wheel of justice here and around the country, in North America and around the world and I certainly hope that this conference will bring you to greater grips as students to how important it is to view the university in a different way than just as a vocational training opportunity and also to view yourself as someone who is going to make a real mark on the world.

You are in a country and on a continent that is blessed with natural resources,

a modest level of democracy and an opportunity to make it even better – an opportunity that should be unfettered given our civil liberty traditions but always one that will be challenged, as we have seen in recent months.

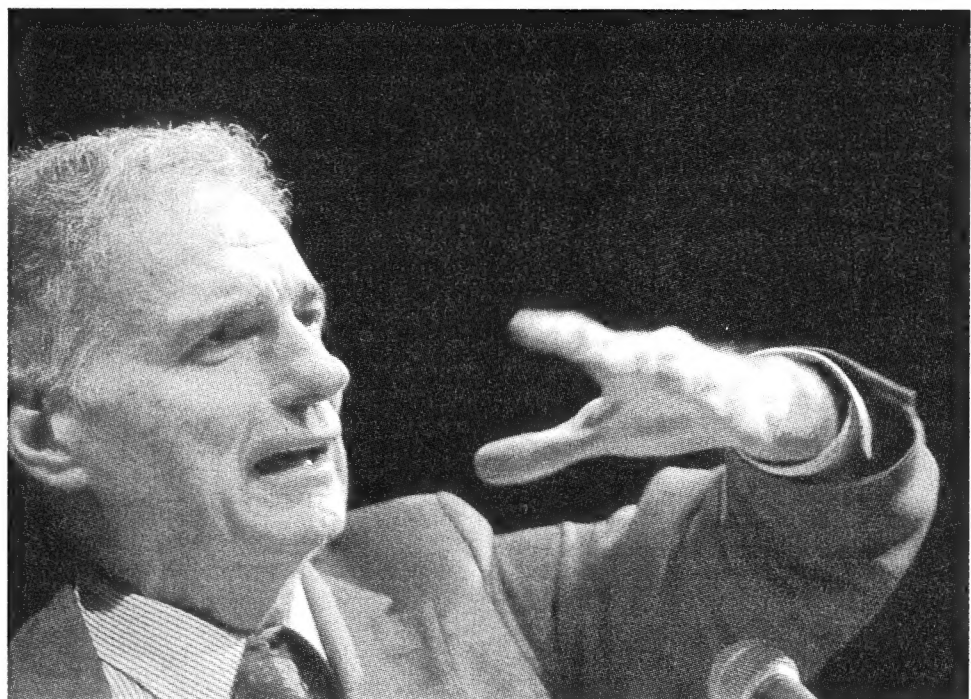
Another way of putting this is that if you look at yourself uniquely as a member of more than one million university stu-

dents here in Canada and 14 million university and college students in the United States you will see you are in a part of our society where you are given certain instruments you may not have after you graduate. For example, you bring to the university a relatively high level of idealism but you also have access to technical labs and libraries in ways that lots of people historically have never had access to . . . but when again are you going to have your own newspaper? When again are you going to have your own radio station? When again are you going to have your own gathering places? When are you going to be able to do the regular world what you came here to do and to connect it with

civil engagement? Chemistry students can begin testing drinking water and biology students can work on environmental issues. Political science students can work on improving the quality of legislators and members of Parliament. You can do a double-header this way.

(For) most people who have jobs, it is very compartmentalized. They have their jobs then the rest of their lives on weekends . . . but you can write papers and do surveys and do tests in your labs of matters that affect health and safety and governance and industry and still get credit for it if you want to organize it that way.

So just ask yourself, are you taking sufficient advantage of it or are you basically accepting the premise of too many universities that they are just preparing you for a job? There's nothing wrong with that, but any trade school can do that. A university has higher pretensions. One might think that they are preparing you for a lifetime of civic enlightenment, civic renewal and civic achievement . . .



Consumer advocate Ralph Nader addressed a capacity crowd at the Students' Union sponsored Green and Gold Eco-Conference.

So just ask yourself, are you taking sufficient advantage of it or are you basically accepting the premise of too many universities that they are just preparing you for a job? There's nothing wrong with that, but any trade school can do that. A university has higher pretensions. One might think that they are preparing you for a lifetime of civic enlightenment, civic renewal and civic achievement . . . So introspection is good, as long as it doesn't get too maudlin or mawkish. And one way to introspect is just to ask yourself . . . who are you? And you say 'well I am Mary Smith, or John Jones'. Well who else are you? And that whole sequence gets underway. You have to compel yourself to keep propelling identities. . . but at what point do you say 'I am a citizen'?

. . . the quality of citizenship in a society spells the quality of justice and the quality of justice spells everything that makes a society worthwhile. So that is the cardinal identity that you should be surrounding

your courses with: not just are you going to learn organic chemistry or are you going to learn economics or are you going to study English literature for the edification of the mind and the sheer enjoyment of it but also, what does it do to make you a more effective citizen?

. . . Every day of your life, the forces of trivialization will be coming at you and often times, they meet surrender and they become endemic and they become routine. You want to make sure that doesn't happen to you. The time to start is now when you are about as free as you ever will be to think, experiment, propose, and mobilize. Later on you might have a good job, you won't be free to think, experiment, propose, and mobilize because you don't want to upset the boss; you don't want to upset your chance for promotion. People walk around with invisible chains all the time. You have fewer of those invisible chains (now) than probably at any other time in your life . . . ■

folio letters to the editor

Children, families, the beneficiaries of donations

Editor, Folio:

We would like to extend our deepest appreciation to you, the University of Alberta staff, for the outstanding commitment and generosity you have shown towards strengthening this community.

For many years you have invested your time, energy and financial resources in helping those in need by supporting the United Way. You continually go above and beyond in ensuring your campaigns are a success and, in turn, you have helped set an example for others in this community.

Your compassion and dedication towards helping others has been extraordi-

nary each and every year. Last year you raised over \$400,000 for the United Way and had the largest number of leadership donors of any workplace in the Alberta capital region. It is this generosity that has helped make a difference in the lives of so many in this community. With your help, children are being given the nutrition they need to grow into healthy, active adults. Families are being given the support they need to live free of violence and abuse. And individuals with disabilities are being given the assistance they need to become more self-reliant.

We thank you from the bottom of our hearts for all you have done to strengthen the Alberta capital region and we look forward to continuing our partnership with you in bringing positive change to the lives of those in need.

Together we are building a caring, vibrant community.

George Andrews
Vice-President
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folio letters to the editor

Folio welcomes letters to the editor. Send your thoughts and opinions via e-mail to richard.cairney@ualberta.ca, fax at 492-2997, or by mail to Folio, Office of Public Affairs, 6th Floor General Services Building, Edmonton, Alberta T6G 2H1. Letters may be edited for grammar, style, accuracy and length.

Researchers earn funds to study rural Canadians

Rural life often romanticised

By Simon Kiss

A University of Alberta researcher will head up a new \$904,000, three-year study into improving the health and independence of Canada's rural seniors and veterans.

Dr. Norah Keating of the U of A Department of Human Ecology will lead the co-operative study, entitled The Caring Contexts of Rural Seniors. The project will involve researchers from the U of A and Mount Saint Vincent University in Nova Scotia. Veterans Affairs Canada is funding the study.

"All stages of the project will determine how rural communities across Canada differ in their levels of informal support, from whom they receive that support and how we can target our resources for those most in need," said Veterans Affairs Minister Rey Pagtakhan.

"The question we plan to address in The Caring Contexts of Rural Seniors is whether at the beginning of the 21st century, rural communities in Canada are a good place to grow old," said Keating.

"More than 20 per cent of Canada's seniors live in rural areas of the country. But rural Canada and the older adults who live there have been poorly served when it comes to health care, transportation, housing and other resources," said Keating.

"Despite all the warm fuzzy feelings we have about rural communities and the people who live there, it turns out that

they have lower incomes, they're older and they have poorer services."

Keating related one anecdote about a

meeting with the deputy minister of health in Nunavut, who told her that the nearest acute care hospital for people in her communities was in Ottawa, hundreds of kilometres away.

"Rural is not just St. Albert," Keating said, referring to a large Edmonton suburb. "So we're going to be looking at how to actually serve these people."

The project's first phase will be a literature review and an analysis of census data to compare rural communities with each other in terms of their own support networks for seniors and veterans.

The second phase will involve a survey of Royal Canadian Legion members to ask them about their own personal support net-

works.

To conclude the study, Keating and her team will select a number of case studies from Canadian communities and examine how they have developed their own solutions to care for and support seniors.

Keating said that Veterans Affairs Canada is an exception to most government departments when it comes to making policy for seniors. According to Keating, most government departments think about seniors in an urban context.

"Is rural Canada a good place to grow old? Ask us in three years," she said. ■

"More than 20 per cent of Canada's seniors live in rural areas of the country. But rural Canada and the older adults who live there have been poorly served when it comes to health care, transportation, housing and other resources. Despite all the warm fuzzy feelings we have about rural communities and the people who live there, it turns out that they have lower incomes, they're older and they have poorer services."

— Dr. Nora Keating

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The programme for this fall is as follows:

Wednesday, September 25, from 7:00 p.m. to 9:00 p.m.

Dr. Michèle Therrien

La France et l'autonomie gouvernementale autochtone
France and Self-Governance of Aboriginal Peoples

Wednesday, October 30 from 7:00 p.m. to 9:00 p.m.

Satya Brata Das

The Best Country: Canada in the 21st Century
Le Canada au 21^e siècle

Wednesday, November 27 from 7:00 p.m. to 9:00 p.m.

Dr. Ted Blodgett

Anthologie de la littérature canadienne
Canadian Anthology Literature

All presentations are bilingual (English-French)
For additional information, please call 465-8716

Funding agency honours long-serving researchers

Foundation helps university achieve breakthroughs, attracts researchers

By Richard Cairney

Nine University of Alberta researchers have been honoured by the Alberta Heritage Foundation for Medical Research for earning 20 years of financial support for their research projects.

Over the past two decades, the AHFMR has contributed more than \$300 million in research funding to 11 different faculties at the U of A, a contribution Vice-President (Research) Dr. Gary Kachanoski called a "sustained and focused investment in people."

That investment, Kachanoski observed, "helps us attract bright new recruits and retain top researchers...they in turn attract students and teachers," he said.

The AHFMR funds, he added, help to attract even more research dollars to the province, "improving life here and elsewhere."

Researchers who have earned that funding agree. Dr. Susan Jensen, whose research is focused on the production of antibiotics by an organism called *Streptomyces clavuligerus*, was among the researchers honoured. She said Alberta has a strong international reputation within medical research communities because of the AHFMR.

"Researchers here in Alberta have always been that much better off because we have access to this fund," she said. "And it has always been very prestigious – they have never been at a point where they are just throwing money around. You really have to earn it."

Another of the honourees, Dr. Joel Weiner, said a good part of AHFMR's reputation relates to the fact that it only supports leading-edge research.

"It is all peer reviewed, you have to have very, very good students and post-doctoral students, and career awardees are reviewed every five years," said Weiner. "So there are no guarantees. Your work always has to be at the leading edge."

The equipment in Weiner's lab financed by the AHFMR makes his facility "almost unparalleled in North America" and such success helps breed further success, Weiner noted.

"Clearly, the AHFMR has been the 'Alberta advantage'," said Weiner, who is also the associate dean of research in the Faculty of Medicine and Dentistry.

Ultimately, though, the funds come from regular Albertans, AHFMR President Dr. Matt Spence said. The AHFMR operates independently of the government and is accountable to the people of Alberta. Over the past two decades, it has invested more than \$700 million in basic biomedical and health research in 18 faculties at Alberta's universities.

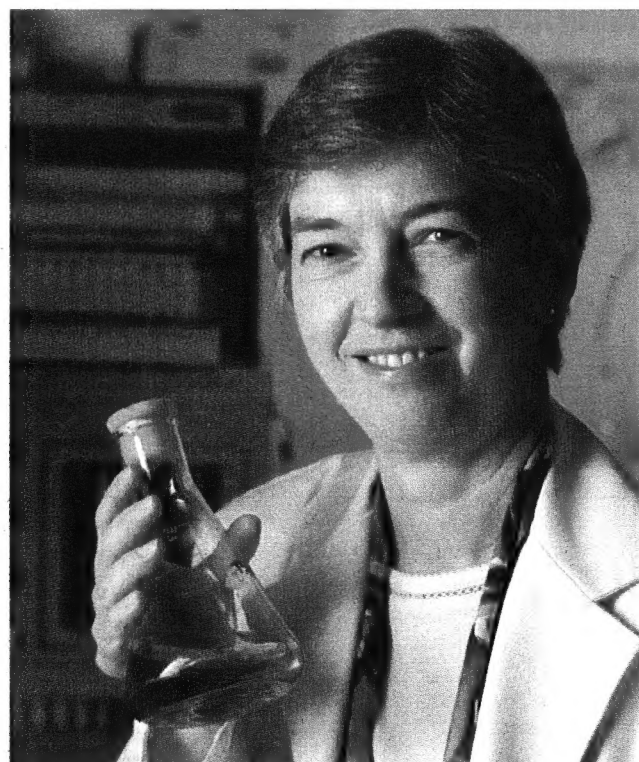
"This is a gift from the people of Alberta to the people of Alberta," Spence told the researchers. "And it continues to give to the people of Alberta through bright people like yourselves."

Other U of A researchers honoured include:

Dr. Chris Bleackley, whose research has shown that cancerous tumours express low levels of a certain molecular receptor that allows them to escape death – a finding that points the way to potential new treatments for cancer. Bleackley's lab has moved quickly to test the discovery, already producing encouraging results

"Researchers here in Alberta have always been that much better off because we have access to this fund. And it has always been very prestigious – they have never been at a point where they are just throwing money around. You really have to earn it."

—Dr. Susan Jensen



Dr. Susan Jensen is one of nine U of A researchers honoured recently by the Alberta Heritage Foundation for Medical Research.

with breast cancer cells.

Dr. Frank Nargang, whose research is focused on the formation of organelles called mitochondria, which exist within the cells of all higher organisms. Nargang is currently studying the mechanisms by which proteins enter mitochondria and reach their proper location to perform their functions. He also studies the process by which chemical signals that originate inside the mitochondria can affect the expression of genes in the nucleus.

Dr. Linda Pilarski's research is focused on understanding cancers of the blood and bone marrow in order to develop more effective treatment strategies. She studies genetic expression and variation in cancer cells to identify cells that resist therapy, as well as the mechanisms through which malignant cells grow and spread.

Dr. Peter Smith is concerned with understanding the long-term regulation of the electrical activity of the nervous system, including the effects of injury on the

electrical activity of sensory and spinal neurons. Smith's findings have led to new insights into the mechanisms of certain types of chronic pain.

Dr. Richard Stein conducts a broad program of research into motor control. His recent projects have included the development of a new wheelchair that can be operated using feet and legs as well as hands, and a system called WalkAide2 to correct foot dragging among stroke victims.

Dr. Brian Sykes uses high-resolution nuclear magnetic resonance (NMR) techniques to study protein structure, dynamics, and biomolecular interactions. He is director of the National High Field Nuclear Magnetic Resonance Facility.

Dr. John Vederas focuses his research on the formation of important biological molecules. Vederas's work on the design and synthesis of inhibitors of cysteine proteinase enzymes could help develop drugs for illnesses such as the common cold, Hepatitis A, polio, and foot and mouth disease. ■

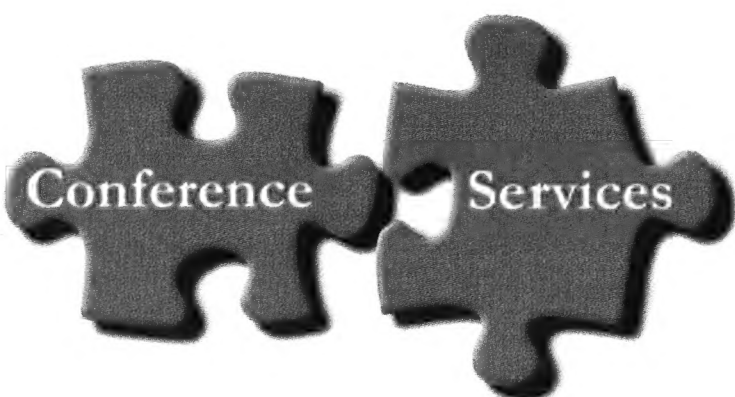
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notices

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EFF-FSIDA (FUND FOR SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES)

Application Deadline
The deadline for receipt of applications to the EFF-FSIDA is 4:30 PM, 15 October 2002. The next

competition deadline dates are 15 January 2003 and 15 April 2003.

This Fund exists to enable staff and graduate students (normally PhD candidates) of the University of Alberta to participate in research and in the international transfer of knowledge and expertise through partnerships in developing countries.

Applications and guidelines are available on the University of Alberta International website <www.international.ualberta.ca> under "Overseas Projects and Programs" or from the FSIDA Secretary at University of Alberta International, 1204 College Plaza, 8215-112 Street, telephone 492-3094.

EFF - UNIVERSITY TEACHING RESEARCH FUND — Application Deadline

The deadline for receipt of applications to the EFF - University Teaching Research Fund is 15 October.

This fund was established to encourage and support research on teaching-learning. The primary purpose of this fund is to enhance the level and quality of teaching research and curricula development in the University. Funding priorities include research projects that have the potential of contributing to the increased effectiveness of university teaching, learning, and curricula development.

Application forms are available from the Office of the Vice-Provost, 2-10 University Hall, phone: 2-1503; also on our website

http://www.ualberta.ca/provost/awards&funding/awards&funding.htm

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The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOIPPA). The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

SCHOOL OF BUSINESS COLLINS CHAIR

The University of Alberta School of Business invites applications for the A.F. (Chip) Collins Chair in Finance. The Chairholder must have a strong and demonstrated interest in corporate finance and markets, and an established record as a researcher and teacher. Recent publications record will receive special attention. The Chairholder is expected to provide intellectual leadership in applied as well as theoretical financial research and to interact on a significant basis with the business community.

Salary is negotiable, commensurate with experience and qualifications. PhD in finance or equivalent is required. A discretionary allowance will assist in the discharge of the Chairholder's responsibilities. Appointments are normally effective July 1. Closing date for applications is October 15, 2002. All qualified

candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The A.F. (Chip) Collins Chair in Finance was established in 1985 by a group of Canada's leading investment dealers. Their purpose was to honour "Chip" Collins for his outstanding achievements and contributions to the financial industry in Alberta. A former Alberta Deputy Provincial Treasurer, Mr. Collins was instrumental in developing and directing Alberta's Heritage Savings Trust Fund, which has proven to be of vital importance to the economy and residents of Alberta.

Interested persons should contact Prem Talwar, Department of Finance and Management Science, University of Alberta School of Business, Room 4-20J Business Building, Edmonton, Alberta, Canada, T6G 2R6. Telephone (780) 492-5821; fax (780) 492-9924; e-mail prem.talwar@ualberta.ca

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talks & events

Submit talks and events to Cora Doucette by 9 a.m. one week prior to publication. **Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.expressnews.ualberta.ca/ualberta/L2.cfm?c=10>**

APR 01 - OCT 31 2002

Standard First Aid/Heartsaver Courses.

The Office of Environmental Health and Safety has arranged for Standard First Aid/Heartsaver courses to be held on campus once again this year. The training is comprised of two full-day sessions (8:00 a.m. to 4:00 p.m.) with morning, lunch and afternoon breaks. The cost is \$80.00 per person. The first course will be held in early April and the last at the end of October. Registration is limited due to classroom size. For further information and registration forms please call Cindy Ferris at 492-1810 or e-mail cindy.ferris@ualberta.ca or visit the home page at <http://www.ehs.ualberta.ca/training.htm#CPR>

MAY 15 - DEC 31 2002

Speakers' Bureau. Academic Technologies for Learning presents the Speakers' Bureau, a series of free sessions on a variety of topics dedicated to advancing the pedagogy of educational technologies at the University of Alberta. Available to faculty members, sessional instructors, and graduate students, we will bring these sessions to the location and time that are convenient for you. For a full listing of sessions, visit the ATL Web site at <http://www.atl.ualberta.ca/>. Speakers' Bureau brochures are available upon request. If these sessions don't meet your needs, we are also interested in your ideas for other topics and will be pleased to discuss tailoring sessions to meet your particular needs. Contact Cheryl Whitelaw at cheryl.whitelaw@ualberta.ca for more information or to set up a session and at a location near you.

AUG 29 - DEC 10 2002

Faculty Badminton Club, New Season
The Faculty Badminton Club invites faculty and academic staff to join us Wednesdays from 1930-2200 in the Education Gym, starting on September 11th. Friendly atmosphere, all levels welcome. Contact: John McPherson at twosheds@shaw.ca
Location: Education Gym. Running August 29, 2002 to December 10, 2002.

SEP 20 2002

Department of Biological Sciences

The Molecular Biology and Genetics Research Group and Genetics 605 Seminar Series. Vikram Misra, Department of Veterinary Microbiology, University of Saskatchewan, speaks on "Luman—a clue as to how Herpes Simplex Viruses sense stress in their hosts." Location: M-149, Biological Sciences Building. Time: 3:30 p.m. Host: Frank Nargang.

SEP 13 - 25 2002

Department of Human Ecology

"An Evolving Design Process: From Waste to Artwear" is an exhibit of contemporary clothing designed by Human Ecology graduate student Andrea Schuld. Location: Lobby Gallery, Human Ecology Building.

SEP 17 - OCT 05 2002

Carel Blotkamp: Recent Work Event sponsored by Department of Art and Design. "Carel Blotkamp: Recent Work." The Fine Arts Building Gallery presents a solo exhibition by visiting artist and historian Professor Carel Blotkamp. Reception will be held at the Fine Arts Building Gallery, October 3, 7-10 p.m. Regular Gallery hours are Tuesday to Friday, 10 a.m. - 5 p.m., and Saturday, 2-5 p.m. The Gallery is closed Sundays, Mondays, and statutory holidays. There will also be two public lectures by Professor Blotkamp in rm. 2-20, Fine Arts Building, October 7, 2 p.m., and October 9, 2 p.m. Location: Fine Arts Building Gallery, Rm. 1-1 Fine Arts Building, University of Alberta campus, 112 street & 89 avenue.

SEP 17 - OCT 05 2002

Wolfgang Troschke: Recent Prints

Event sponsored by Department of Art and Design. "Wolfgang Troschke: Recent Prints." The Fine Arts Building Gallery presents a solo exhibition by guest artist Professor Wolfgang Troschke. His works are linked to traditions of German Expressionism with their bold, energetic and intuitive approach to drawing. Reception at the Fine Arts Building Gallery, September 19, 7-10 p.m. Regular Gallery hours are Tuesday to Friday, 10 a.m. - 5 p.m. and Saturday, 2-5 p.m. The Gallery is closed on Sundays, Mondays, and Statutory holidays. There will also be a lecture by Professor Troschke on his work September 19, 5:30 p.m., at the Telus Centre on 87 avenue & 111 street. Location: Fine Arts Building Gallery, Rm. 1-1 Fine Arts Building, University of Alberta campus, 112 street and 89th avenue.

SEP 18 - 28 2002

Pentecost Studio Theatre presents the

Canadian premiere of Pentecost by the late Irish playwright Stewart Parker, directed by MFA (Directing) candidate, Mark Henderson. Tickets available at Timms Centre Box Office, 87 Avenue and 112 Street, 492-2495. Tuesday to Friday, September 10-28, Noon-5:00 p.m. \$5 Preview: September 18, 8:00 p.m. Evening Performances: 8:00 p.m.; Matinee: September 26, 12:30 p.m. Location: Studio Theatre-Timms Centre for the Arts. Running September 18 to 28.

SEP 20 2002

Department of Philosophy Robert Wilson will speak on "Arguing About Group Selection: The Myxoma Case." 3 p.m. 4-29 Humanities Centre.

SEP 20 2002

Educational policy in an era of globalization Dr. Cecilia Reynolds, Associate Dean of Academic Programs at the Ontario Institute for Studies in Education at the University of Toronto, will present this lecture. Reynolds will discuss Canadian and international trends which affect school policies and practices. Sponsored by the Celebrating Educational Policy Perspectives, a Graduate Student Conference offered by the Department of Educational Policy Studies. This lecture happens at 4:30 p.m. in 2-115, Education North.

SEP 20 2002

John Dossetor Health Ethics Centre Health Ethics Seminar Series: 12:00 - 1:00 p.m. - September 20, 2002 Paul Byrne, MB, ChB, FRCPC, Interim Director, John Dossetor Health Ethics Centre, Staff Neonatologist, Stollery Children's Health Centre NICU and Paul Shelby, MA, Patient Care Manager Comprehensive Tissue Centre/Clinical Islet Transplant Programme. Title: To Transplant or Not to Transplant: That is the Question, The Ethics of Resource Allocation. Location: Room 207, Heritage Medical Research Centre.

SEP 20 2002

Physics Department Tamar Seideman, Steacie Institute for Molecular Sciences, National Research Council of Canada, presents lecture "Shaping Molecular Beams with Intense Light." Location: Physics Bldg. V-wing Room V-129. Time: 3:00 p.m.

SEP 20 2002

Visiting Speaker Seminar (Department of Accounting & MIS). Professor Michael Power, Director of the Centre for Risk and Regulation, London School of Economics, presents "The Invention of Operational Risk." Location: Room 1-06 Business Building. From 3:30 to 5:00 p.m.

SEP 20 - 21 2002

Celebrating educational policy perspectives This graduate student conference is offered by the Department of Educational Policy Studies. All Saturday sessions will be held on the 7th floor in Education North. Registration for the conference happens Friday 4:00-4:30, 2-115 Education North, or Saturday, 8:30am- 9:00am, 129 Education South.

SEP 21 - 22 2002

Elizabeth Laishley Painting Exhibition/Leonard Cohen Night Event sponsored by Department of Laboratory Medicine and Pathology, Faculty of Medicine. Elizabeth Laishley Painting Exhibition/Leonard Cohen Night. Elizabeth Laishley's paintings will be shown at the Telus Centre on September 21st and 22nd. Elizabeth will be on hand to talk about her art and sign reproductions of her canvases and copies of her book. A free exposition of her work and book signing will be held Sunday Sept. 22 from 1-5 p.m. Tickets for the main Leonard Cohen Night event 7-11 p.m. Sept. 21, 2002 <http://www.leonardcohenights.org/> are available at 407-6862 or via Email request at leonardcohenights@hotmail.com. Painting images can be seen at: <http://www.leonardcohenights.org/enthusiasts/art.htm> Location: Telus Centre for Professional Development. Running Sept. 21, 2002 to Sept. 22, 2002.

SEP 21 - 22 2002

Leonard Cohen Night Event sponsored by Department of Laboratory Medicine and Pathology, Faculty of Medicine. September 21, 2002, 7-11 p.m. to celebrate the life and art of one of Canada's foremost singer-songwriters. A simultaneous Leonard Cohen Night will take place in Leicester, UK. A video simulcast will connect the Leicester and Edmonton festivities. In Edmonton, special guest Suzanne Holland will re-create the musical performance of the recent Leonard Cohen Experience in Hydra, Greece. Location: Telus Centre for Professional Development. For more information, visit <http://www.leonardcohenights.org>

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- ♦ **"Thank God for all that Jazz".** Sunday, Oct. 20, 2002, 2:00 pm. Jazz & church music are related. Tommy Banks along with Kent Sangster & his jazz ensemble will explain & demonstrate how that relationship works. Reception to follow. Tickets \$20.00, \$10.00 (seniors & students) available at door. Phone 439-1470 to reserve your ticket(s). Seating is limited.
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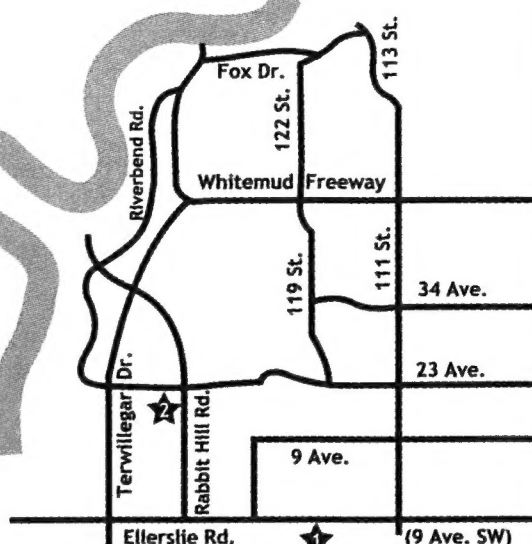
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Bohakel at 502.634.8283 or 1.800.997.6790, code 20.

SEP 22 – OCT. 5 2002

Department of Music Fall Schedule

Concerts and Events, Fall 2002. Unless otherwise indicated Admission: \$5/student/senior, \$10/adult.
Location: Convocation Hall, Arts Building, University of Alberta. All concerts and events are subject to change without notice. Call 492-0601 to confirm concert information. Revised September 12, 2002. Please discard your old copy.

SEP 22 2002

Music at Convocation Hall. Voicescapes. Julie Harris and Christina Jahn, soprano. Jenny Wakeling, alto. Jerald Fast and John Brough, tenor. Paul Grindlay and Leonard Ratzlaff, bass. Victor Coelho, lute. Neil Cockburn, organ. English madrigals, rounds and catches from late 16th and 17 centuries. Admission: \$12/adult, \$7/student/senior. 3:00 p.m.

SEP 23 2002

Centre for Research for Teacher Education and Development Seminar discussion with Dr. Renate Schulz, University of Manitoba. From 10:30 a.m. - 11:30 a.m. 633 Education South. Topic: "Fictional and Fractional Representations of Teachers and Teaching."

SEP 23 2002

Visiting Speaker Seminar (Department of Accounting & MIS). Professor Michael Power, Director of the Centre for Risk and Regulation, London School of Economics, will be presenting a paper titled "The Rise of the Corporate Risk Officer". Location: Room 4-04 Business Building. From 3:30 to 5:00 p.m.

SEP 23 2002

Research Services Office Event sponsored by Research Services Office and Alberta Heritage Foundation for Medical Research. "Lunch & Learn about Commercializing Research for Science Faculty." The University of Alberta's Research Services Office, in partnership with Inno-centre Alberta, invite Faculty of Science researchers to an informal session on the services available to help you commercialize your research, technology or know-how. This FREE lunch and learning session runs Monday, Sept. 23, 2002 at Noon to 1:30 p.m. in Room CW 410 in Biological Sciences. Space is limited to 40 people so register now by e-mail to info@rso.ualberta.ca. (You will receive e-mail to confirm your attendance.)

SEP 25 2002

UA-WISE Open House UA-WISE (U of A Women in Science and Engineering) is holding their annual Open House. Place: Biological Sciences Cafeteria (4th Floor). Time: 5:00 p.m. - 6:30 p.m. Cost: Free! Mingle with professors and graduate students and get some information on our upcoming events, which include a job search seminar and Health Sciences forum. Pizza and drinks provided. Everyone is welcome!

SEP 25 2002

Department of Political Science Professor Fred Judson presents lecture "The Future of Our Americas." 3:30 p.m. Location: Room 10-4 Tory Building.

SEP 24 2002

Centre for Ethnomusicology Music and Hinduism: Origins and Practices. Mrs. Wasanti Paranjape, renowned scholar and performer of Indian music, will present a lecture on the Hindu origins of Indian music and the rich musical practices that Hinduism has generated. From 9:30-10:45 a.m. Location: Fine Arts Building 3-56.

SEP 24 - 26 2002

Biological Sciences Second Virtual Conference on Genomics and Bioinformatics. The Department of Biological Sciences is a host site for the 2nd Annual Virtual Conference on Genomics and Bioinformatics on September 24 - 26, 2002 from 8:30 a.m. until 6:00 p.m. in CW 410 BSB. Conference speakers will broadcast from various sites in the U.S. We will be showing both the real-time internet broadcast and, on a separate screen, the presenters' Power Point slides, provided to us in advance. This may be a particularly good opportunity for students. There is no fee for participation but, because space is limited, we encourage advance registration by e-mail at virtual-conf@biology.ualberta.ca or by calling Mike Deyholos at 2-7132 or Pam Cheyne at 2-3290. More info on the conference at <http://www.ndsu.nodak.edu/virtual-genomics/upcom2.htm>. Location: CW 410 Biological Sciences Building.

SEP 26 - 29 2002

Refractions of Germany in Canadian Culture and Literature: An International

Conference. Event sponsored by University of Alberta. Refractions of Germany In Canadian Literature and Culture is an international conference which will explore the heritages of Germans and German-speaking Europeans and their traces in Canadian literature and culture. The Banff Centre, set in the spectacular landscape of the Rocky Mountains, is the venue of this conference. For more information please see the Refractions of Germany in Canadian Literature and Culture International Conference homepage at www.ualberta.ca/~rgcl/. Please contact marlenewurfel@hotmail.com, Conference Assistant, for more information. Location: Banff Centre, Banff, Alberta. Running September 26, 2002 to September 29, 2002.

SEP 24 2002

Career and Placement Services (CaPS) New! Brown Bag Lunch Seminars - FREE! Bring your lunch for some food for thought on how to write an effective cover letter. This FREE seminar is only one in a series. Check out web site at www.ualberta.ca/caps for a list of FREE seminars all term. You don't have to pre-register! Location: CaPS Resource Centre, 2-100 SUB.

SEP 24 2002

Department of English Thomas Wharton, Writer in Residence for 2003, will be reading from his work 2:00-3:00 in Humanities Centre, L-3. Everyone is welcome.

SEP 24 2002

Department of Political Science Professor Mike Power, London School of Economics, will present lecture "The Audit Society." 12:00 p.m. Room 10-4 Tory Building.

SEP 26 2002

Academic Technologies for Learning Online Teaching Resources: Finding the Needle in the Haystack. The U of A is involved in a number of provincial, national and international partnerships which seek to develop models of peer-review of online resources as well as accessibility and distribution of these through both open source and rights management systems. Attendees will find out about online repositories of subject specific teaching materials and an understanding of the importance of digital management in enhancing and fast-tracking the course development process. From 10:00 to 11:00 a.m. Location: Telus 214/216.

SEP 26 2002

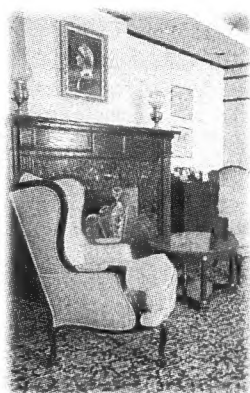
Centre for Executive and Management Development (School of Business) The Coach's Conversation: Building Relationships - The Foundation to Effective Coaching. The Centre is pleased to host Dr. Allan Turowetz who presents his eight-step process called "The Coach's Conversation". For more information please visit www.cemd.ca or call (780) 492-5832. Cost is \$100 (plus tax) and the event will run from 9 a.m. till 12 p.m. U of A staff receive a 10% discount! Location: TELUS Centre for Professional Development.

SEP 26 2002

Watersheds, Wetlands and Oceans Event sponsored by Environmental Research and Studies Centre. Dr. Steven Hruddy, Public Health Sciences,

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UofA, will speak on "Comparison: Walkerton with other waterborne disease outbreaks in the developed world." Location: 129 Education Building. From 4:30 p.m. to 5:30 p.m.

SEP 27 2002

Department of Physiology Dr. Klaus Ballanyi, Physiology and Perinatal Research Centre, will speak on "Cellular Mechanisms of the tolerance to anoxia of central mammalian neurons." Time: 3:00 p.m. Location: 207 Heritage Medical Research Centre.

SEP 27 2002

Philosophy Department Professor Robert Stainton from the Department of Philosophy, Carleton University, will speak on "Shorthand, Syntactical Ellipsis, and the Pragmatic Determinants of What is Said: Critical Reflections on Stanley's Context and Logical Form." 3:00 p.m. Location: Humanities Centre 4-29.

SEP 27 2002

Faculty & Friends. Academy Chamber Strings, Erika Raum and Alycia Au, violin. Aaron Au, viola, Julie Amundsen and Tanya Prochazka, cello, Ravel Sonate for Violin and Cello, Schubert String Quintet in C Major, Op 163, Haydn Divertimento for String. Trio No. 1 in E Major. Admission: \$12/adult, \$7/student/senior. 8:00 p.m.

SEP 28 2002

Faculty Recital. Milton Schlosser, piano. 8:00 p.m.

SEP 28 - 29 2002

Crafters Fall Sale The Devonian Botanic Garden Crafters' Association is pleased to present its annual Fall

Craft Sale. Many handcrafted items are available for sale. Free admission free to attend the craft sale. General admission rates apply for visitation into the Garden. Contact Visitor Services at (780) 987-3054 for further information. From 10:00 a.m. to 4:00 p.m.

SEP 30 2002

Department of Political Science Prof. Yasmeen Abu-Laban and Prof. Christina Gabriel will introduce their latest book. "Selling Diversity: Immigration, Multiculturalism, Employment Equity and Globalization." Everyone is welcome. Location: Room 10-4 Tory Building. 3:00 p.m.

SEP 30 2002

General Faculties Council GFC, Meeting: New Business, Agenda Items: University Budget Presentation: 2003/2004 Preliminary Forecast; Reaffirmation of the Budget Process Principles: Recommendations of the GFC Academic Planning Committee (APC); Administrative Policies and Procedures On-Line (APPOL): Presentation. Time: 2:00 p.m. Location: Council Chambers, University Hall.

SEP 30 2002

Distinguished Visiting Professor Christian Lauba, French composer. General Presentation to Music faculty and students New music tendencies in Europe. Studio 27, Fine Arts Building 2-7. Free admission. 9:30 a.m.

SEP 30 2002

Noon-Hour Organ Recital featuring Robert Zylstra. Free admission. 12:00 p.m.

OCT 02 2002

Career and Placement Services (CaPS) Civil/Environmental Engineering Career Forum. Admission is free. Students pre-register at CaPS at 2-100 SUB, or at the Civil office (CEB 220). Time: 5:30 - 7:30 p.m. Location: Civil Engineering Building, Room 331.

OCT 03 2002

Book Launch University of Alberta Press. We will be celebrating the publication of CKUA: Radio Worth Fighting For, by Marylu Walters. Location: Greenwood's Bookshoppe, 80 Avenue and 104 Street, Edmonton. 7:30 p.m.

OCT 03 2002

Career and Placement Services (CaPS) So You Want to Be an Academic (for Science students). In this workshop, aimed at demystifying life in the ivory towers, you will assess your suitability for life as a professor, review the tenuring process, consider work search strategies, and brainstorm activities you may employ during grad school to enhance your employability upon graduation. Time: 1 - 3 p.m. Pre-register at CaPS, 2-100 SUB. Location: CaPS classroom; 4-02 SUB.

OCT 03 2002

Career and Placement Services (CaPS) Building a Teaching Portfolio. Learn about what goes in a teaching portfolio and how to assemble an effective portfolio, as well as how to present your portfolio in a school board interview. Time: 4:30 - 6:30 p.m. Pre-register at CaPS, 2-100 SUB. Location: CaPS classroom; 4-02 SUB.

OCT 03 2002

Department of Medical Genetics Two lectures: "Balancing X's: The Role of XIST in X Chromosome Inactivation/Genomic Imprinting at the Necdin Locus: Cracking the Epigenetic Code." Dr. Carolyn Brown - UBC Balancing X's: 10:00 a.m. - 11:00 a.m. (Talk) Ms. Meredith L. Hanel Genomic Imprinting: 1:00 p.m. - 2:00 p.m. (Thesis Defense). Locations: Room 2-07 Heritage Medical Research Centre/Education Bldg Rm 165.

OCT 03 2002

Kilburn Memorial Artist. Trumpet Masterclass with Jens Lindemann. Free admission. 7:00 p.m.

OCT 04 2002

Distinguished Visiting Professor Christian Lauba, French composer. Chamber Music Class Presentation. What is the 1 per cent new in today's music what is 99 per cent traditional in music? Studio 27, Fine Arts Building 2-7. Free admission. 12:00 p.m.

OCT 04 2002

Kilburn Memorial Concert Jens Lindemann, trumpet with Tommy Banks and Jennifer Snow, piano. Program will include works by Debussy, Enesco, Gilliland, Liszt, Gershwin, Ibert, Obradors, Fats Waller, McCoy, Weiss/Thyle and Traditional/Lindemann. Admission: \$12/adult, \$7/student/senior. 8:00 p.m.

OCT 04 2002

Department of Biological Sciences Murray Humphries, McGill University, presents a seminar on "Bioenergetic approaches to the distribution and abundance of northern mammals." Department of Biological Sciences Ecology Seminar Series. Part of the Biology 631 Seminar Series. 12:00 noon in Room BS M-145 of the Biological Sciences Building.

OCT 04 2002

Department of Biological Sciences Bryan Crawford, Department of Biological Sciences, University of Alberta, speaks on "Role of the extracellular matrix in zebrafish development." Location: M-149, Biological Sciences Building. Host: Dave Pilgrim. 3:30 p.m.

OCT 04 2002

Academic Technologies for Learning "Introduction to Live (Synchronous) Online Instruction." Synchronous Online instruction is an exciting possibility to connect your course to students outside of the classroom. The session will focus on why you could teach in this way, the benefits and tools available to support this type of learning. From 3:00 to 4:00 p.m. Location: Telus 143.

OCT 04 2002

John Dossetor Health Ethics Centre Health Ethics Seminar Series. Title: Challenges to Therapeutic Relationships: difficult and "difficult" patients. Barbara Russell, PhD, John Dossetor Health Ethics Centre and University of Alberta Hospital Clinical Ethicist. From 12:00 to 1:00 p.m. Location: Room 207, Heritage Medical Research Centre.

OCT 04 2002

Report to the Community/Annual General Meeting University of Alberta Report to the Community/Annual General Meeting. A 40 minute program will feature reports by President Rod Fraser and Chancellor John Ferguson, a preview of nanotechnology research by Dr. Linda Pilarski, and presentation of the Board of Governors' Award of Distinction. Guests will have an opportunity during breakfast to chat with members of the University's Board of Governors, Senate and Alumni Council, as well as vice-presidents, deans and other senior administrators. Breakfast: 7:15 to 9 a.m. Program: 7:40 to 8:30 a.m. Westin Hotel, 10135 - 100 Street, Edmonton. (Interpreting and real time captioning services provided). RSVP by Monday, September 30 including first and last name and affiliation. E-mail: sharon.mussolum@ualberta.ca or call 492-6575. For more information, see Web site: <http://www.uofaweb.ualberta.ca/publicaffairs/agm/> NOTE: A REPORT TO THE CAMPUS MEETING WITH THE SAME PROGRAM WILL BE HELD OCTOBER 21 (noon to 1:00 p.m.).

OCT 05 2002

Career and Placement Services (CaPS) Resume Writing for Science Students. Learn how to write an effective resume targeted to the type of work you want to do. Find out what CaPS learned from a recent survey about employers' expectations and preferences regarding resumes. Time: 12:30 - 3 p.m. Pre-register at CaPS, 2-100 SUB. Location: CaPS classroom; 4-02 SUB.

OCT 05 2002

Career and Placement Services (CaPS) Resume Writing for Arts Students. Learn how to write an effective resume targeted to the type of work you want to do. Find out what CaPS learned from a recent survey about employers' expectations and preferences regarding resumes. Time: 9 - 11:30 a.m. Pre-register at CaPS, 2-100 SUB. Location: CaPS classroom; 4-02 SUB.

OCT 05 2002

Planet of the Arts Event sponsored by Faculty of Arts. "Planet of the Arts." 1:00 p.m. Wondering where an Arts degree can take you? Join a cast of U of A Arts alumni on Oct. 5 for a look at the lifelong joys and practical benefits of a liberal arts education. Our speakers include: Todd Cherniawsky, set designer for Planet of the Apes, Armageddon, and other Hollywood blockbusters; Lorri Broda, senior producer at Disney Interactive in Los Angeles; Todd Babiak, award-winning novelist and entertainment writer for the Edmonton Journal. Learn how to turn your intellectual interests into a rewarding career. Get advice from industry leaders, and find out why an Arts degree is an excellent investment for the new economy. For more information, visit our web site, or call (780) 492-6269. Location: Timms Centre, 87 Avenue & 112 Street. Website: http://www.humanities.ualberta.ca/arts/news/planet_of_the_arts.html

OCT 05 2002

Distinguished Visiting Professor Christian Lauba, French composer. Town and Gown Presentation and discussion of Today's Musical Aesthetics. Studio 27, Fine Arts Building 2-7. Reception to follow, sponsored by Edmonton Composers Concert Society. Fine Arts Building 2-8/2-9. Free admission. 7:00 p.m.

OCT 06 2002

Career and Placement Services (CaPS) Career Selection for Students in Arts. In this workshop, you will learn how to do a self-assessment, identify occupations that are suited to you, research your career options and the labour market, and develop career goals and a plan of action. Time: 9 a.m. - Noon. Pre-register at CaPS, 2-100 SUB.

OCT 21 2002

U of A Report to the Campus For the first time, a REPORT TO THE CAMPUS is being held to enable broad participation by the campus community. The campus meeting will feature the same program as the October 4 Report to the Community/Annual General Meeting, with additional information of particular relevance to the campus. Board of Governors Chair Jim Edwards will host the program that includes:
- University Report - President Rod Fraser
- Community Outreach Report - Chancellor John Ferguson
- Research Presentation on Nanotechnology - Dr. Linda Pilarski, Oncology
- Board of Governors Award of Distinction - meet recipients
- Questions and Answers - approximately 30 minutes
The event happens from Noon to 1 p.m. in the Horowitz Theatre, SUB. [Interpreting and realtime captioning services provided.]

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A MESSAGE FROM PRESIDENT ROD FRASER

As a valued staff member of our University, your generous support last year helped make our United Way Campaign the most successful in history. Together we raised over \$410,000 for our community. This is a fantastic achievement and is proof positive that the University is a strong part of the Greater Edmonton community.

Our University has the distinction of having the most Leaders of the Way, those individuals who give \$600 or more. In fact, the dollars we contributed placed us third in the amount raised by any post-secondary institution in Canada.

Your personal investment and the positive impact it has on our community is a source of great pride for all of us.

Once again this year, we ask your help and support for the United Way Campaign on Campus. Your help, in whatever measure is most welcome.

Together we can make a difference.

Sincerely,

Roderick D. Fraser, PhD
President

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SUBLET: October 1 or 15 – January 31. Three bedroom townhouse. Riverbend. Furnished, washer, dryer, dishwasher. \$1,000/month including utilities.

References required. Non-smokers, no pets. Adults only. 436-4035.

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Delta Edmonton Centre Suite Hotel, brunch for two – Erica Wong
Field, Atkinson, Perraton, cap – Lauren Behnke; Peter Diep; Mark Kearns; Clarence Leung
Field, Atkinson, Perraton, travel mug – Stacey Bissell; Christina Lee; Nelson Tong; Aisha Yahya

Field, Atkinson, Perraton, jean shirt – Jarret Wall; Husain Esmail Zeerapurwata

Field, Atkinson, Perraton, fleece shirt – Anna Hryciw

SUB Titles, hooded sweatshirt – Shannon Wood

SUB Titles, travel mug – Christina Seo

Varscona Hotel, Fringe t-shirt – Leah Anderson; Scott Manson

University of Alberta Donors:

Academic Support Centre, \$80 workshop certificate – Jen Hazelaar

Board of Governors, \$50 University Bookstore certificate – Michelle Love

Board of Governors, \$50 University Bookstore certificate – Mona Chan

University Bookstore, \$50 University Bookstore gift certificate – Tony Chan; Shelly Clelland; Ali Grotkowski; Heather McDonald; Angela Nguyen; Stephen Peters; Lisa Pfau; Iman Rahmim; Helen Tang; Christine Watermanchuk

Campus Recreation, campus recreation t-shirt – Jessica Belliveau; Dave Hardy; Ha Nguyen; S. Sampson

CaPS, thermos – Tanya Mirzayans

Dean of Students, \$50 University Bookstore gift certificate – Winnie Au; Liesha Hancharuk; Uliana Kanevets; Yasin Khalaj; Vanessa Liang; Backe Thai; Trevor Toy; Herbert Au Yeung

Faculty Club, \$50 gift certificate for Faculty Club – Helga Mulder

Housing & Food Services, \$25 meal card – Maeghan Albiston; Ryan Armstrong; Michael Candraia; Lisa Coe; Carla Dimailig; Neil Doell; Clara Duran; Renee Eastwood; Brett

Fixsen; Nabby Gancha; Nada Gebara; Lorrie Katzenback; Aqeela Khalid; Jen Liddle; Brenda Lim-Fong; Christine Morris; Elena Ostrovskaia; Lisa Pfau; Andrea Quint; Danny Ramos; Jayne Rushton; Charlene Scott; Diane Smith; Catherine Stasieczek; Shan Sundararaj; Kelsey Switzer; Aaron Thiem; Peter Wei; Shirley Wilfong; Jenny Wenjun Zhang

Office of Vice-President (Research), t-shirt – Eric Chan; Saira Khalid; Brian Ostopowich; Faruq Rajwani; Julia Weir; Amanda Wong

Parking Services, one-month parking pass – Andre Harmatiuk; Evan Hardy; Amanda Kuspira; Erin Mitchell; Sarah Nickonchuk; Wayde Putnam; Diana Soochan; Michelle Wong

Patricia & Peter Murray, University Senate, \$25 University Bookstore gift certificate – Christine Park; Adam Scrivens; Sonnia Valiquette; Lei Xiao

Sexual Assault Centre, burgundy clipboard – Courtney Banman; Luke Chang; Liana Fung; Sheila Gangopadhyay; Melissa Mark; Gerald Poon; Jenna Roste; Nadine Smith; Elizabeth Stark; Caleb Yong

Shirley Stiles, University Senate, \$25 University Bookstore gift certificate – Dianne de Jong; Vu Nguyen

Student Counselling, Vocational Interest Test certificate – Brandy-blue Palmer

Studio Theatre (Timms Centre), season pass for two – Jennifer Au

University Senate, \$50 University Bookstore gift certificate – Jen Augis; Jill Bartel; Amanda Helmle; Marla-Lee Landvatter; Leon Lau; Alfred Lee; Shonna Marko-Kwasny; Carla Maxwell; Maz Rahman; Kim Wiltse

Prize winners have been notified by email about procedures to claim their prize.

Welcome to U



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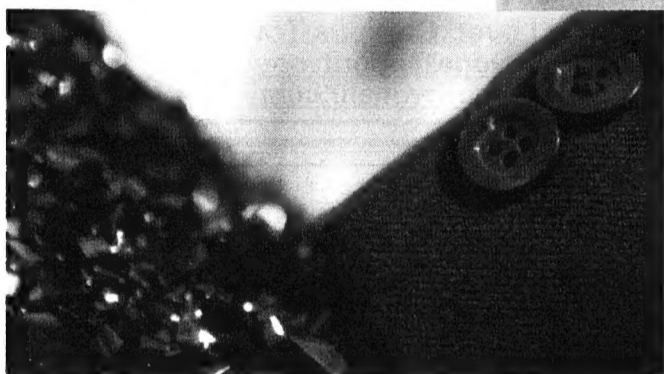
Creating clothing, DECONSTRUCTING fashion

Andrea Schuld couldn't find beauty in the fashion industry. Now, she's creating her own unique styles.

By Richard Cairney

Andrea Schuld once worked in Toronto's fashion district, where trends are fleeting, the bottom line is all-consuming, and beauty is a commodity. But you might never guess that Schuld had anything to do with the high-pressure industry when you look at her own designs on display at the Human Ecology building.

In an exhibit entitled *An Evolving Design Process: From Waste to Artwear*, Schuld takes an approach to clothing and style that is entirely the opposite of that seen in glossy, perfumed, advertisement-laden fashion magazines.



What is immediately striking about her designs is the materials: Schuld has fashioned dresses from old leather jackets and a new jacket from a backpack and a shower curtain.

The idea derives from not only a sense of environmental responsibility, but also as a statement. "It's anti-fashion apparatus," Schuld said. "I'm trying to show underlying themes of the organic mixed with the synthetic – like taking bits of technology and mixing it with cow hide – and there is a bit of an anti-consumerism here too."

The high-tech makes its appearance in a strand of DNA spiraling from floor to ceiling, portraying circuit boards as central to life. Other pieces are more practical. The back of a backpack makes up the back of her shower-curtain jacket. Webbing from an external pocket on the backpack makes a vent "to keep you from sweating to death in there." Eyelets for curtain rings to run through now serve as buttonholes, with nylon straps and plastic clips becoming buttons.

On one piece, Schuld had an instructor knit cassette tape into trim on a jacket. The effect is not unlike chain mail, except it's decidedly more delicate.

"I've always loved the way this stuff looks," said Schuld. "But I wouldn't stand too near an open flame with this on."

The principles Schuld followed when designing her 'recycled' clothing were that the pieces should be wearable anywhere – from the symphony to the sidewalk.

"I hate 'precious' fashion, clothing that is 'oh – I can't even sweat in it' " she said.



Another guiding principle was that the articles would fit many body sizes with simple adjustments. "A woman who is five-foot-six or a woman who is five-foot-ten could wear this," says Schuld, pointing to one of her creations. "Either size could fit in it and still look good."

The exhibit also features a techno soundscape and nine hours of continuously running video featuring everything from old cartoons to documentary footage of a woman who has turned her fetish for plastic surgeries into a form of pay-per-view performance art. The video, along with charts, graphs, books and text, outline Schuld's influences.

"I just had this desire to do clothing that wasn't 'fashion', that was without the 'buy buy buy' lust for everything new, that's in one season and out the next," she said. "I wanted something that was really individual and beyond time frames." ■

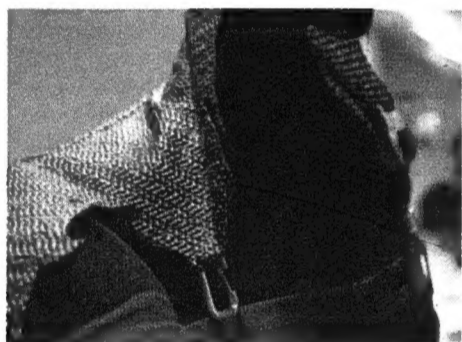


Chul-Ann Jeong

"I hate 'precious' fashion, clothing that is 'oh – I can't even sweat in it.'"

—Andrea Schuld

Clockwise from above: designer Andrea Schuld; packing equipment is transformed into headgear, connected to a top with a clip found in a hardware store; an old leather jacket is transformed into a dress; cassette tape was knitted as detailing on one garment; a silver shower curtain dotted with red eyelets was sewn to parts of a backpack to make a one-of-a-kind jacket.



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